

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047405.D
 Acq On : 09 Mar 2022 14:49
 Operator : SY/MD
 Sample : VSTD02017
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020017

Quant Time: Mar 10 00:31:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 00:28:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	190293	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	181107	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	107150	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	206528	9.673	ug/L	0.00
7) Chloroethane-d5	1.919	69	151110	9.200	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	93214	12.113	ug/L	0.00
20) 2-Butanone-d5	4.642	46	463203	110.314	ug/L	0.00
24) Chloroform-d	5.067	84	336399	9.906	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	164459	9.516	ug/L	0.00
32) Benzene-d6	5.732	84	697088	12.296	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	203149	11.462	ug/L	0.00
41) Toluene-d8	7.899	98	680849	13.509	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	92402	13.679	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	423331	135.197	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	188185	12.537	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	271856	13.683	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	295592	17.831	ug/L	98
3) Chloromethane	1.523	50	289196	14.567	ug/L	98
5) Vinyl chloride	1.607	62	295328	14.841	ug/L	98
6) Bromomethane	1.864	94	167561	15.153	ug/L	100
8) Chloroethane	1.938	64	176441	14.942	ug/L	99
9) Trichlorofluoromethane	2.144	101	383616	15.197	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	242335	16.184	ug/L	98
12) 1,1-Dichloroethene	2.584	96	231617	17.325	ug/L	91
13) Acetone	2.658	43	437804	172.494	ug/L	83
14) Carbon disulfide	2.797	76	733986	17.394	ug/L	99
15) Methyl Acetate	2.961	43	83254	14.898	ug/L	# 86
16) Methylene chloride	3.051	84	260865	15.396	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	620302	20.308	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	251365	17.695	ug/L	99
19) 1,1-Dichloroethane	3.874	63	435121	16.868	ug/L	99
21) 2-Butanone	4.723	43	778954	206.420	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	282763	19.013	ug/L	97
23) Bromochloromethane	4.980	128	137426	18.972	ug/L	96
25) Chloroform	5.092	83	460994	15.640	ug/L	99
27) 1,2-Dichloroethane	5.797	62	305539	17.979	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	402371	19.787	ug/L	99
30) Cyclohexane	5.391	56	404174	23.899	ug/L	97
31) Carbon tetrachloride	5.530	117	355497	20.198	ug/L	98
33) Benzene	5.777	78	1041210	20.769	ug/L	100
34) Trichloroethene	6.542	95	277557	21.505	ug/L	98
35) Methylcyclohexane	6.764	83	452772	24.805	ug/L	98
37) 1,2-Dichloropropane	6.793	63	265100	20.185	ug/L	100
38) Bromodichloromethane	7.108	83	347847	20.190	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	418224	23.625	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	1893498	258.994	ug/L	100
42) Toluene	7.970	91	1146674	22.251	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	378187	24.128	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	216799	21.829	ug/L	99
47) Tetrachloroethene	8.555	164	234566	23.131	ug/L	99
48) 2-Hexanone	8.690	43	1379021	251.233	ug/L	99
49) Dibromochloromethane	8.812	129	271778	23.056	ug/L	98
50) 1,2-Dibromoethane	8.925	107	216841	23.060	ug/L	99
51) Chlorobenzene	9.449	112	757261	22.024	ug/L	100
52) Ethylbenzene	9.571	91	1263005	23.716	ug/L	99
53) m,p-Xylene	9.693	106	498230	24.133	ug/L	99
54) o-Xylene	10.102	106	484984	25.211	ug/L	100
55) Styrene	10.115	104	854729	25.400	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	303116	23.329	ug/L	99
59) Bromoform	10.291	173	181689	25.579	ug/L	99
60) Isopropylbenzene	10.484	105	1290603	24.037	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	212104	21.354	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	876718	21.656	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	1146135	26.528	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	666600	23.166	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	672440	22.833	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	638928	23.049	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	49737	23.307	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	557765	25.047	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	497466	26.723	ug/L	100
71) Naphthalene	14.086	128	936798	28.861	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	448635	25.704	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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